



# भारत का वाचनपत्र

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No. 44] NEW DELHI, SATURDAY, NOVEMBER 1, 1969 (KARTIKA 10, 1891)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 1st November 1969

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

13th October 1969

- 123527. Council of Scientific and Industrial Research. A distillation flask.
- 123528. G. Payne. An improved valve means for use-as a stop cock, bil cock laboratory tap and the like.
- 123529. Vulcan Australia Limited. Improved helically wound tubing. (17th October 1968).
- 123530. Westinghouse Electric Corporation. Fluid flow measurement system.
- 123531. B. M. Beards. Beards underslung dobby.
- 123532. National Distillers and Chemical Corporation. Improved vinyl acetate process.
- 123533. Tanaka Iron Works Co., Ltd., and C. Itoh & Co., Ltd. Method and apparatus for treating textile materials.
- 123534. J. D. N. Sancho. Improvements in seining power blocks.
- 123535. C. G. v. Berckheim. Improvements relating to arrangements for the electrical air-conditioning of enclosed spaces.
- 123536. Duisburger Kupferhuette and Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Processing non-ferrous metal bearing pyrites cinder having high magnetite contents.
- 123537. The British Petroleum Company Limited. Improvements in or relating to the cultivation and recovery of micro-organisms and apparatus therefor. (18th October 1968)

123538. N. V. Philips Gloeilampenfabrieken. Method of manufacturing cubic crystals of silicon carbide.

123539. N. V. Philips Gloeilampenfabrieken. Sliding switch.

123540. Janssen Pharmaceutica N. V. Pharmaceutical compositions.

123541. F. I. du Pont de Nemours and Company. Solvent process for the preparation of 1-carbamoyl-substituted-2-benzimidazolcarbamates.

123542. Texas Instruments Incorporated. Temperature compensated multiple character electronic display.

123543. Toyo Rayon Company Limited. Textile staple fibers and a method for manufacturing the same.

123544. C. A. V. Limited. Check valves. (15th October 1968).

123545. Farbenfabriken Bayer Aktiengesellschaft. Process for working up impure vinyl acetate.

123546. Societe Anonyme Heurtey. Improvements in or relating to methods of utilizing a combustible binder in the treatment of conglomerate ores, ceramic products and the like.

123547. International Business Machines Corporation. Xerographic copying.

123548. Cluett, Peabody &amp; Co., Inc. Split detector for fabrics undergoing incremental lateral stretching.

123549. S. C. Gupta, N. Ramaiah and Shri K. D. Agarwal. Anti-foaming product for suppression of foam.

14th October 1969

123550. Sourendra Kumar Ghosh. Tamper-proof plastic caps.

123551. Sourendra Kumar Ghosh. Pilfer-proof bottle closures.

123552. Kishore Chatterjee. An improved cock for controlling flow of liquids.

123553. Miles Laboratories, Inc. Test device and method therefor.

123554. Imperial Chemical Industries Limited. Organic compound. (23rd October 1968).

123555. The Dunlop Company Limited. Resilient mountings. (24th October 1968).

123556. Quigley Company, Inc. A process for producing substantially pure dead burned magnesia having high density and low porosity.

123557. Joseph Lucas (Industries) Limited. Combined lamp and reflector units. (25th October 1968).

123558. Farbenfabriken Bayer Aktiengesellschaft. Herbicidal and insecticidal composition.

123559. Farbenfabriken Bayer Aktiengesellschaft. Herbicidal and insecticidal composition.

123560. Glaxo Laboratories Limited. Chemical compounds and process. (14th October 1968).

123561. Imperial Chemical Industries Limited. Catalytic process for the manufacture of pyridine and methylpyridine. (9th November 1967). [Divisional date 6th May 1968].

123562. Imperial Chemical Industries Ltd. Catalytic process for the manufacture of pyridine and methylpyridine. (17th January 1968). [Divisional date 6th May 1968].

123563. Phillips Petroleum Company. Process and apparatus for producing carbon black.

123564. Phillips Petroleum Company. A method of pelletizing carbon black.

123565. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing vat dyestuffs.

123566. Hooker Chemical Corporation. Method and composition for stimulating plant growth.

123567. Formica Corporation. Decorative laminates.

123568. Ciba Limited. Process for the manufacture of dicarbonyl compounds or their derivatives.

123569. Mitsui Toatsu Chemicals, Inc., and Kumai Chemical Industry Co., Ltd. Mixed herbicide composition.

123570. Merck & Co., Inc. Fungicidal and bactericidal compositions.

123571. Ganz-Mavag Mzdony-, Vagon- Es Gepgyar. Cooling equipments for vertical shaft bearings.

123572. Vetrocoker Cokapuania S.p.A., and Giuseppe Giommarco. Improvements in or relating to purification of gaseous mixtures.

123573. N. V. Philips Gloeilampenfabrieken. Semiconductor device.

123574. N. V. Philips Gloeilampenfabrieken. Semiconductor device employing a field effect transistor.

123575. N. V. Philips Gloeilampenfabrieken. Method of manufacturing semiconductor devices in which a selective electrolytic etching process is used.

*The 15th October 1969*

123576. Arun Bose. Improvements in or relating to files for papers or the like.

123577. Council of Scientific & Industrial Research. Coagulant aid-11.

123578. D. S. Bist. All oil lantern.

123579. Ciba Limited. Disazo compounds and processes for their manufacture and use.

123580. Egyeslt Izzolampa Es Villamossagl Reszvenytarsasag. Process of filling discharge tubes constructed without exhaust tube.

123581. Compagnie Du Filage Des Metaux Et Des Joints Curly (Ceflac). Improvements in the piercing of metal blocks. (25th June 1969).

123582. Sandoz Ltd. Process for dyeing synthetic polyamide fibres. (12th October 1967). [Divisional date 1st May 1968].

123583. F. D'Aszenzo Jr. Linear actuator with locking means.

123584. American Optical Corporation. Two-element ophthalmic lens.

123585. B. V. Rao. Pump.

123586. M. R. Tembe. Method and means for continuous casting of metals of required sections.

123587. Julius Schmid, Inc. Agent for determining pregnancy.

123588. C. L. Wright. Treatment of bagasse. (16th October 1968).

123589. The Dunlop Company Limited. Improvements in or relating to boats.

123590. Esso Research and Engineering Company. Quenching and passivation of particulate metals.

123591. Chas. Pfizer & Co., Inc. Novel antibiotic agents. (28th February 1969).

123592. The Power-Gas Corporation Limited. Methanol production. (23rd October 1968).

123593. Uniroyal, Inc. Improvements in dyeable modified polyolefin article.

123594. Farbenfabriken Bayer Aktiengesellschaft. Partially deaminated L-asparaginase and process for preparing same.

*16th October 1969*

123595. Hind Razor & Blade Company Private Limited. Improvements in or relating to blades of razors and like instruments.

123596. Westinghouse Electric Corporation. Polyimide and polyamide-polyimide as a semiconductor surface passivator and protectant coating.

123597. E. I. du Pont de Nemours and Company. Process and apparatus for contacting permeable hollow fibers.

123598. E. I. du Pont de Nemours and Company. Permeation separation device and process for separating fluids.

123599. Rohm and Haas Company. Fungicidal products.

123600. E. M. Comellas. Endless track for tracked vehicles.

123601. E. M. Comellas. Antifriction pivotal connection for elements under tension.

123602. P. Egleme. Saw blade.

123603. Fisons Pharmaceuticals Limited. Pharmaceutically active compounds. (30th October 1968).

123604. Inland Steel Company. Continuous casting method and apparatus.

123605. Union Carbide Corporation. Multiple orifice aerosol actuator.

123606. Joseph Lucas (Industries) Limited. Bulb Holders. (8th November 1968).

123607. Sandoz Ltd. Improvements in or relating to organic compounds. (18th October 1968).

123608. Sandoz Ltd. Improvements in or relating to organic compounds. (21st October 1968).

123609. F. L. Smith & Co., A/S. Cement raw materials containing phosphorus and fluorine. (21st October 1968).

123610. Laparte Industries Limited. Improvements in and relating to fluidised bed reactors. (18th October 1968).

123611. R. Mohan. Instant soldering device.

123612. The British Petroleum Company Limited. Continuous grease making.

123613. Farbwurke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic moulding compositions and shaped articles on the basis of polyvinyl chloride.

123614. Takeda Chemical Industries, Ltd. Benzodiazepine derivatives.

123615. Danfoss A/S. Spring-mounting arrangement for an encased motor compressor having a vertical shaft.

123616. Danfoss A/S. Motor-Compressor.

123617. Danfoss A/S. Hydrostatic steering system.

123618. Danfoss A/S. Actuating device for gas switches.

123619. Danfoss A/S. Oil-pump for a motor compressor.

123620. Danfoss A/S. Motor compressor particularly for small refrigerating machines.

123621. Danfoss A/S. Piston particularly for a reciprocating compressor.

123622. Danfoss A/S. Thermostatically controlled expansion valve for refrigerating equipment.

123623. Burmah-Shell Oil Storage & Distributing Co., of India Limited. Twin three-way cock.

**Alteration of Date**

114630. The claim to priority date 27th February 1967 has been disallowed and the application dated as of 20th February 1968, the date of filing in India.

117499. The claim to priority date 28th September 1967 has been abandoned and the application dated as of 30th August 1968, the date of filing in India.

**Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

83422. Esso Research and Engineering Company. Process and apparatus for crystallizing solutions with an immixible liquid coolant. Accepted on 4th September 1965.

*The liquid containing the crystallizable substance is cooled from the feed temperature to the desired crystallization temperature by counter current contact with a liquid immiscible coolant.*

98104. Esso Research and Engineering Company. Process and apparatus for separating a crystallizable material from a liquid [Addition to No. 83422]. Accepted on 26th June 1968.

*Wherein the feed in the form of a dispersion of uniform size droplets is passed through a tower in direct countercurrent contact with a liquid coolant and collapsed after passing the pressure seal at the tower exit.*

100348. Esso Research and Engineering Company. Process for separating a crystallizable component from a solution. [Addition to No. 98104]. Accepted on 11th November 1968.

*Characterized by adding a brine additive comprising an admixture of a surfactant with a macromolecule and/or protein to the tower zone whereby heat transfer within the tower is maximized.*

113705. Sumitomo Chemical Company, Ltd. Novel phosphorodithioates, process for preparing same and insecticidal and fungicidal compositions containing them. Accepted on 20th September 1969.

*Characterizes by reacting corresponding dithiobate with an halide.*

113885. Skoda, oborovy podnik. A tobacco conveyor for tobacco cutting machines. Accepted on 3rd October 1969.

*It consists of undivided links or divided links, each link being derived from a bar having for the most part an oval cross section so that an upper pressing side, having an oval shape with grooves, is provided with a front circular projection the intermediate of the bar being provided, from the rear side, with a recess and reinforced from beneath, the lateral portions of the link bar having two rear circular projection and a pin passing through a said front circular projection and the said rear projections of a previous link.*

113937 Reynolds Metals Company. A smokable tobacco product and a wrapper material therefor. Accepted on 6th October 1969.

*A porous combustible material in sheet form having an aluminous metal coating thereon of a weight not less than 0.5 micrograms per square millimetre.*

113942. American Flange & Manufacturing Co., Inc. Method and apparatus for eternately applying standard fluted skirt crown cap and smooth skirt tear off closures to containers. Accepted on 6th October 1969.

*Comprising the steps of attaching a crowner platform and throat assembly to the lower end of the work importing shaft in concentric alignment with the crown cap engaging spindle, applying the crown cap to the container, detaching said assembly from the shaft attaching a tear off closure applying head to the lower end of the shaft and applying tear off closure to the container.*

113990 Xerox Corporation. Manifold imaging. Accepted on 9th October 1969.

*Providing a cohesively weak imaging layer sandwiched between a donor sheet and a receiving sheet, charging one of the sheets, exposing the imaging layer to a pattern of activating electromagnetic radiation, and separating the receiving sheet from the donor sheet.*

114010. J. K. Business Machines Ltd. Typewriters. Accepted on 10th October 1969.

*Characterised in that at least additional lever having its own key is pivotally connected to said shaft lever, a second engaging means provided in the body of said typewriter adapted for engagement with said additional lever.*

114088. General Electric Company. Improvements in or relating to alumina-ceramic sodium vapor discharge lamp. Accepted on 9th October 1969.

*Comprises an envelop of light transmitting alumina having a pair of electrodes sealed into opposite ends and containing a filling which includes sodium as the principal discharge supporting element and source of radiant emission.*

114146. Siemens Aktiengesellschaft. Improvements in or relating to circuit arrangement for synchronous telegraph systems. (28th September 1967). Accepted on 9th October 1969.

*Having a transmitting switch transmitting a determined number of operating signals, a receiving device to count by a counter the number of operating signals, and an evaluation circuit which cuts-out text signals when operating signals remain below fixed count value, and cuts-in additional text signals on the operating signals exceeding the fixed value.*

114176. General Electric Company. High-pressure sodium vapor lamp. Accepted on 9th October 1969.

*Comprising a discharge envelope of alumina ceramic having electrodes sealed therein and containing a filling which includes sodium at a partial pressure in the range of 10 to 1000 torr in operation in combination with a reactive metal substance in oxygen communication with alumina envelope.*

114630. Associated Chemical Companies Limited. Chromising of ferrous metal substrates. Accepted on 13th October 1969.

*Compacting on to a ferrous metal substrate a powdered iron chromium alloy with a chromium content of at least 74% and contains a total of from 2-20% by weight and aluminium and/or silicon and 0.1 to 5% by weight of phosphorus.*

114693. The General Tire & Rubber Company. A symmetrical dual tread pneumatic tire. Accepted on 9th October 1969.

*Having a tread portion comprising a pair of tread bands of unequal width separated from each other by a circumferentially extending groove, the transverse radius of curvature of the wider tread band being greater than that of the narrower band and the shoulder of the tire adjacent the narrower band having a greater diameter than the shoulder adjacent the wider band.*

114900. R. C. Solanki. Improvements in or relating to velocipedes, more particularly to cycles. Accepted on 9th October 1969.

*Characterised in that the fork being connected to the arms at a location other than at which they are connected to the axle, a shock absorber having a pair of rods carrying resilient members one end of which rods are connected to either of the arms while the other end is operatively connected to the handle bar.*

114910. Imperial Chemical Industries Limited. Steam reforming of hydrocarbons. (21st March 1967). Accepted on 11th September 1969.

*Comprises charging into an inlet zone of nickel or cobalt steam reforming catalyst maintaining at an outlet temperature above 550°C and into a successive zones of steam reforming catalyst at increasing temperatures to above 700°C.*

114962. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble monoazo dyestuffs and process for preparing them. Accepted on 8th October 1969.

*Diazotized mixture of 5-amino-2-acetoaminoanisol-4-sulfonic acid is reacted with 4-acetoacetylaminoo N-methyl-N-β-thiosulfate-ethylsulfonylaminobenzene dissolved in sodium carbonate.*

115143. Weather-Seal, Inc. Tilt-out slideable sash and positioning means therefor. Accepted on 25th September 1969.

*Comprising a pair of side jambs, an upper and lower sash each having a pair of vertically extending side rails, a pair of vertically extending runner strip means engaged by each of said pair of side jambs, pivot means connecting the sashes to the runner strip means, balance means operatively engaging the runner strip means and interengaging means carried by the runner strip means and the sashes.*

115158. Hindustan Lever Limited. Stabilisation of aroma. Accepted on 10th October 1969.

*By separating the aromatic constituents from tea and coffee extracts adding to the said constituents a stabilising agent to produce a water soluble stable aromatised powder releasing the aroma upon the addition of water.*

115234. W. Green Son & Waite Limited. Improvements in or relating to papermaking rolls. (27th July 1967). Accepted on 3rd October 1969.

*Comprising axially spaced ring formers joined to at least two counter wound series of spiral stiffening wires, the wires of each series being disposed at circumferentially spaced positions relative to the roll axis.*

115298. Albert Haag KG. Pickers. Accepted on 6th October 1969.

*The picker body of an elastomer material has an insert held to its striking end extending over its entire breadth, the insert being made of highly abrasion proof material.*

115333. F. Hochstrasser and J. Hochstrasser. Rotary appliance for facilitating the driving or withdrawal of piles, pit-props and the like. Accepted on 8th October 1969.

*Wherein the inertia mass consists of a rotating beam with several arms, the ends of the arms carrying detachably mounted weights, a ring element provided centrally of the beam and wherein the stops consist of several projections formed on the external periphery of the ring element and the internal periphery of the beam.*

115334. Farbenfabriken Bayer Aktiengesellschaft. Improvements in or relating to alkali metal chloride cells. Accepted on 8th October 1969.

*Characterized in that (1) common means drive all the anodes of a cell (2) said anodes are kept at a predetermined distance from the cathode so as to be able to be driven by said common drive means (3) one or more relays control the movement of said anodes by impulses supplied by said relays.*

115360. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of amorphous ethylene copolymers. Accepted on 10th October 1969.

*Comprises carrying out the polymerisation in a halohydrocarbon and the dispersion medium which does not dissolve the copolymer under the reaction condition and with (a) 0.001 to 0.1 millimole of vanadium compound per litre of the said medium (b) 2 to 200 moles of Al compound calculated on V-compound and (c) in the presence of a halogenated aliphatic or cyclo aliphatic α, β unsaturated ketone of a specified formula.*

115710. Centre De Recherches De Pont-A-Mousson. Process for producing spheroidal graphite cast iron and the product for carrying out said process. Accepted on 13th October 1969.

*Characterized by covering at least a piece of said pure metallic inoculation product with a coating of refractory material and introducing the coated piece into the bath of iron.*

115840. Hindustan Vacuum Glass Limited. Improved stopper for vacuum flask or the like. Accepted on 13th October 1969.

*Characterised in that it includes a cap to the underside of which is moveably fixed a closure member 3 having a downwardly projecting stepped and tapered part formed integral with a flanged head and a detachable sheath over it.*

115876. Klockner-Humboldt-Deutz Aktiengesellschaft. Improved separation of dust from waste gases in cement manufacturing plant. (6th March 1968). Accepted on 13th October 1969.

*Removing dust from waste gases by raising the dew point of the gases by spraying so much water that excess water is formed and the said water with the dust is introduced into preheater for powdered raw material.*

116050. Prototech Company. Method of increasing electrochemical cell current density. Accepted on 13th October 1969.

*Preactivating the anode layer, applying hydrogen fuel to the other side of the anode layer, forming per oxide and super oxide at the cathode within the medium and controlling the cathode*

activity to a degree sufficient to accommodate the increased effective anode area provided by the preeactivation.

116106. E. I. du Pont de Nemours and Company. Alky1, carbamoyl-n-(substituted-carbamoyloxy) thioformimidates. Accepted on 13th October 1969.  
*Reacting an appropriate 1-carbamoyl N-hydroxy-thioformimidate with a substituted isocyanate.*

116256. Veb Chemiefabrik Schwarza "Wilhelm Pieck". Method for the recovery of dialkylterephthalates by reduction of waste products of linear polyesters of mixed polyesters. [Addition to No. 93924]. Accepted on 9th October 1969.  
*By decomposition and reesterification of the waste of line or polyesters or copolymers successively and continuously in the presence of mixtures of catalysts, consisting of zinc, lead, manganese, cadmium and calcium compound.*

116371. Mefina S. A. Stop arrangement for limiting the tensioning of the drive spring of a fuze clockwork-movement. Accepted on 14th October 1969.  
*A rotatable fuze setting means, a first and a second coaxial member for independent rotation, an independent first stop member, a fuze body, a second stop member, a third stop member.*

116553. C. G. v Berckheim. Improvements in or relating to a device for electric air-conditioning of vehicles. Accepted on 9th October 1969.  
*Comprising an electrode insulated from the vehicle body the electrode forming a part of the roof construction of the vehicle.*

116633. N. S. Alterova, A. V. Arauovich, L. K. Bubnova, N. G. Kovalevsky, Y. E. Osada, G. Y. Ostrin, G. A. Savin, O. A. Semenov, R. R. Smardina, G. N. Khisets, E. I. Tyganok, and G. S. Shmiglo. Method of hot drawing metal pieces. Accepted on 14th October 1969.  
*An ovalate coating is applied to the surface of a billet and it is brought in contact with a heated mineral oil along the whole area of its coated surface and is then subjected to warm drawing.*

116820. Universal Oil Products Company. Process for hydrogenating hydrocarbons. Accepted on 4th October 1969.  
*Admixing feed stock boiling at 110°F—400°F with hydrogen recycled hydrocarbon stream and hydrogenating diolefins therein in first reaction zone in contact with catalyst containing palladium and passing to first separation zone to separate gaseous and liquid fractions returning part of liquid to first reaction zone and passing remainder to second separation zone to obtain first gasoline hydrocarbon liquid fraction and aromatic hydrocarbon concentrate mixing conc. with first gaseous fraction to pass on to second reaction zone in contact with hydrodesulfurization catalyst to recover aromatic hydrocarbon stream and hydrogen H<sub>2</sub> gas.*

116875. Ciba Limited. New fibre-reactive dyestuffs. Accepted on 13th October 1969.  
*Wherein an amionopyrine sulphonate acid is alkylated with a heterocyclic compound.*

116895. Dr. G. P. Palnitker. An automobile door having a device for raising or lowering the window panes and for locking or unlocking the door. Accepted on 14th October 1969.  
*Comprising at least one door frame work having a window with a slideable pane, a bar attached to the pane, a knob attached to the bar, locking means for the framework having a lever, one or more pulleys supported in the framework, one or more cords attached to the lever and the knob passing over the pulleys and connected to a rotatable drum coupled to a prime mover adapted to drive the drum in either direction of rotation.*

117118. Indian Oxygen Limited. Valve unit. Accepted on 10th October 1969.  
*Comprising a housing with an inlet and outlet for a fluid, a replaceable valve seat near the outlet, a valve spindle secured to the valve and carrying a cap from a flat face at one end, said face being adapted to be seated on said valve seat.*

117194. O. B. Rasmussen. Fibrous product and method of producing said product. (9th August 1967). Accepted on 13th October 1969.  
*Comprising fibres of a first material in the form of strips of micro-pleated cross sectional configuration laminated with filamentary strand of a second material.*

117354. Algemene Kunstzijde Unie N. V. Improvements in or relating to floor covering and a process for the manufacture of the yarn used therein. Accepted on 10th October 1969.  
*The tread surface of the floor covering material is formed by a composite, synthetic, multifilament yarn, obtained by flying two or more differently coloured or differently dyed, crimped basic yarns, in which within each of the basic yarns the filaments are strongly entangled and interlaced.*

117499. Gevaert-Agfa N. V. Photographic film. Accepted on 13th October 1969.  
*A hydrophobic film support superimposed thereon successive layers of (A) a directly adherent layer of a copolymer formed from 45-99.5% by weight of at least one of the monomers vinylidine chloride or vinyl chloride, 0.5-10% by weight of ethylenically unsaturated monomer and 0.5-54.5% by weight of at least another ethylenically unsaturated monomer and a layer (B) comprising in a ratio of 1 : 3 to 1 : 0.5 by weight a mixture of gelatin and a copolymer of 30-70% by weight butadiene with at least one ethylenically unsaturated monomer.*

117913. Amsted Industries Incorporated. Making cast steel railway wheels. Accepted on 13th October 1969.  
*The steps of forming said steel while molten to the shape of a wheel, then cooling the wheel to a temperature of 1250°F to room temperature, heating the wheel to a normalizing temperature and then during final cooling of the hot wheel from the normalizing value covering both ends of the hub section of said wheel with insulating material while cooling the rate of the wheel by contact with the atmosphere at room temperature.*

118121. K. R. Kshetrapalih. Three point internal micrometer. Accepted on 15th October 1969.  
*Characterised in that three feelers standing vertically by means of refracting springs on the surface of a core having spring means are provided at the housing of measuring head.*

118366. Kabushiki Kaisha Jelikin Kogyo-sha. Apparatus for measuring the moisture content of a gaseous substance in a high temperature chamber. Accepted on 9th October 1969.  
*Comprises a casing, means for the passage into the casing of the gaseous substance, a wet bulb and a dry bulb thermometer in said casing, said casing having a reservoir for water means for supplying the wet bulb thermometer with water from said reservoir and means for supplying the reservoir with water.*

118430. E. I. DuPont de Nemours And Company. Contact lens. Accepted on 8th October 1969.  
*Characterized by a index of refraction approximating that of human tears.*

118644. Ciba Limited. Curable mixtures of epoxy resins, dicandiamide, and amine accelerators and a process for the manufacture of coatings on metallic substrates with said curable mixtures. Accepted on 13th October 1969.

*Comprising (a) a polyepoxy compound whose molecule contains on an average more than one epoxide group, (b) dicyandiamide as curing agent and (c) and as curing accelerator a monoaminopyridine.*

118645. Ciba Limited. Curable mixtures of epoxy resins, polycarboxylic acid anhydrides, and amine accelerators. Accepted on 13th October 1969.

*Comprising (a) a polyepoxy compound whose molecule contains on an average more than one epoxy group (B) a polycarboxylic acid anhydride as curing agent and (b) as curing accelerator a monoaminopyridine.*

118924. R. V. Shah, M. V. Shah and H. V. Shah. Improvements in or relating to chairs and the like. Accepted on 15th October 1969.

*Comprising a frame-work having a base, a back-rest pivotally attached to the framework, a seat at its rear end pivotally attached to the lower end of the back-rest, at least one spring attached to the corresponding sides of the seat of the back-rest, a horizontally disposed bar provided in the frame work and having at least one roller on which the seat is adapted to rest, a threaded pin on the base of the seat accommodated within a collar in the frame work, and a detachable fly-nut for the threaded portion of the pin.*

119467. The Goodyear Tire & Rubber Company. Improvements in heat stable polyester cord reinforced rubber structure. Accepted on 13th October 1969.

*Comprising a polyester cord and rubber, the rubber being compounded with a methylene acceptor and as a donor an acid reaction product of hexamethylenetetramine.*

119502. Braunschweigische Maschinenbauanstalt. Method of and apparatus for extracting sugar from bagasse. (12th December 1968). Accepted on 13th October 1969.

*By passing bagasse through a diffusion trough wherein it is subjected to the action of sprays operating on the counter current principle.*

119517. S. S. Jain. A locking and signalling device. Accepted on 8th October 1969.

*Comprising a bolt mechanism with a receptacle two twin alarm call bells and four universal push switches.*

120031. The English Electric Company Limited. Improvements in fuseslinks. (28th February 1968). Accepted on 8th October 1969.

*Comprising an insulating body, two end plates having secured thereto a disc having slots for accommodating a number of fusible elements in parallel and extending between the end plates.*

120438. P. V. Reddy. Improvements in or relating to quick return motion mechanisms and the like. Accepted on 9th October 1969.

*Where only a single driven member being provided the driving member is in movable and swivel engagement with and adapted to rotatably drive the driven member and where a plurality of driven members is provided, each of the driven members is in movable and swivel engagement with the next driven member.*

120928. Dynamit Nobel Aktiengesellschaft. Method for producing upholstered articles and the apparatus therefor. Accepted on 13th October 1969.

*Placing two surface layers having a layer of filling material thereinbetween, between a counter-electrode and a plurality of electrode and a plurality of electrode bars, applying a high frequency electric current to the electrodes and bringing the electrode bars and the counter-electrode together to unite along weld seams.*

121486. Veb Tabak-Und Industriemaschinen Dresden. An apparatus for the transverse depositing of cigarettes. (15th August 1968). Accepted on 8th October 1969.

*Comprises a cam roller with a cylindrical base one or more cam plates mounted on the surface of the base the whole being arranged between a conveyor and means for accelerating the cigarette.*

121487. Veb Tabak-Und Industriemaschinen Dresden. Cigarette making machine. (15th August 1968). Accepted on 8th October 1969.

*Comprising means for displacing a rotatable suction feed wheel system out of its operating position whilst remaining connected to the drive.*

#### Opposition Proceedings

(1)

The application for patent No. 81271 made by Radonja Kemijska Industrija, in respect of which an opposition was entered by J. R. Geigy A-G, as notified in Part III, Section 2 of the Gazette of India dated 16th December, 1967, has been treated as withdrawn.

(2)

The application for patent No. 89547 made by M & T Chemicals Inc., in respect of which an opposition was entered by Argus Chemical Corporation, as notified in Part III, Section 2 of the Gazette of India dated 17th July, 1965, has been treated as withdrawn with costs awarded to the opponents.

(3)

The application for patent No. 93927 made by Aktiebolaget Kamyr, in respect of which an opposition was entered by the Gwalior Rayon Silk Mfg. (Wvg.) Co. Ltd., as notified in Part III, Section 2 of the Gazette of India dated 21st May, 1966, has been treated as withdrawn.

#### Patents Sealed

107587. 109539. 109659. 109816. 110013. 110122. 110730. 110823. 111104. 111106. 111144. 111243. 111252. 111258. 111304. 111312. 111333. 111356. 111358. 111380. 111411. 111430. 111431. 111540. 111655. 111681. 111877. 111918. 111942. 112033. 112077. 112132. 112417. 112464. 112564. 112582. 112668. 112694. 112920. 113106. 113163. 113330. 113382. 113458. 113572. 113640. 113811. 113859. 113963. 114369.

#### REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transaction affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

70594—M/s. Stroud, Bridgeman Investments Limited.

#### RENEWAL FEES PAID

53166. 53372. 54151. 54748. 55673. 55817. 55826. 55827. 55844. 55845. 55846. 55847. 55848. 55849. 55850. 55899. 58580. 58581. 58847. 58869. 58883. 58974. 58975. 58985. 58986. 58987. 59456. 61504. 62035. 62201. 62233. 62251. 62275. 62352. 62360. 62369. 62370. 62379. 62422. 62505. 62890. 65503. 65693. 65695. 65701. 65742. 65776. 65872. 65890. 65891. 65976. 65977. 66048. 66095. 66096. 66175. 66194. 66198. 66803. 69209. 69344. 69352. 69374. 69375. 69431. 69445. 69503. 69559. 69598. 69652. 69686. 69884. 69949. 70112. 70285. 72938. 72985. 73694. 73719. 73818. 73830. 73834. 73878. 73888. 73906. 73936. 74009. 74010. 74119. 74137. 74138. 74221. 74267. 74269. 74317. 74356. 74451. 74534. 74535. 74536. 75466. 78307. 78859. 78928. 79043. 79083. 79084. 79103. 79134. 79191. 79219. 79231. 79269. 79276. 79277. 79313. 79333. 79375. 79460. 79598. 79597. 79770. 79882. 79885. 79911. 80370. 80373. 83669. 84364. 84499. 84592. 84597. 84703. 84704. 84712. 84779. 84921. 84979. 84989. 84990. 85012. 85059. 85061. 85073. 85100. 85139. 85178. 85227. 85271. 85281. 85289. 85334. 85335. 85378. 85447. 85785. 85786. 85813. 86382. 86383. 86646. 88416. 89257. 89916. 89974. 90057. 90297. 90309. 90310. 90361. 90362. 90522. 90529. 90535. 90557. 90574. 90642. 90672. 90684. 90735. 90744. 90945. 90959. 91000.

91001. 91002. 91016. 91028. 91094. 91124. 91146. 91187.  
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 99795. 100894. 101478. 101479. 101914. 102083. 102110.  
 102127. 102146. 102196. 102333. 102338. 102364. 102386.  
 102437. 102443. 102484. 102519. 102560. 102573. 102602.  
 102655. 102658. 102720. 102722. 102777. 102857. 102876.  
 102969. 102970. 103015. 103051. 103067. 103115. 103201.  
 103215. 103216. 103223. 103959. 103970. 103971. 103972.  
 104229. 104959. 104960. 106360. 107130. 107657. 107694.  
 107705. 107709. 107728. 107729. 107818. 107946. 108154.  
 111232. 112035.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The date shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 135832. Chromewell Industries Private Limited, an Indian Company, Plot No. 49, Parsee Panchayat Road, Off Nagardas Road, Andheri East, Bombay 69. Maharashtra, India, "Liquid petroleum gas cylinder valves", May 14, 1969.

Class 1. No. 135843. Prabhat Kumar, H-19, Green Park, New Delhi-16. Indian Nationality, "Electrical drier", May 20, 1969.

Class 1. No. 136051. Eknath Yeshwant Ranade, 917/2, Ganesh-Wadi, Fergusson College Road, Poona-4, State of Maharashtra, India, a Hindu, an Indian subject, "A water-heater", June 23, 1969.

Class 1. No. 136081. Shantilal & Bros., an Indian Partnership firm, 114-B, Kandivali Industrial Estate, Kandivali West, Bombay, 67, Maharashtra, Indian, "Electric bell", June 30, 1969.

Class 1. No. 136211. C. J. Industries (INL), Hampton Court, Wodehouse Road, Bombay-5, Maharashtra State, India, an Indian Partnership Firm, "A word building panel", July 19, 1969.

Class 1. No. 136249. Kumar Engineering Works, 2527/33, Chuna Mandi, Paharganj, New Delhi-55, a firm registered under the Indian Partnership Act, 1932, "Oil pump", July 28, 1969.

Class 1. No. 136258. (1) Dodla Parthasarathy Reddy (2) Dodla Prabhakara Reddy and (3) Dodla Sudhakar Reddy, B-10, Ambattur Industrial Estate, Madras-58, India, Indian Nationals, "Electric irons", July 29, 1969.

Class 3. Nos. 135577, 135578, 135586 and 135587. Chandras has Vasudev Kamath, Metropolitan Footwear Industries (P) Ltd, 307 Auto Commerce House, Kennedy Bridge, Bombay-7 WB, Indian Citizen, "Sole for footwear", April 7, 1969.

Class 3. Nos. 135708 and 135709. Sudhir Sumantil Shah, An Indian Citizen, Narayan Sadan, Ground floor, Shivaji Park, No. 5, Mahim, Bombay-16, Maharashtra, India, "Sleeves", April 26, 1969.

Class 3. No. 136145. Colfax Laboratories (India) Private Limited, Rua S. Tome, Panjim, Goa, India, an Indian Company, "An outer cap", July 11, 1969.

Class 3. No. 136146. Colfax Laboratories (India) Private Limited, Rua S. Tome, Panjim, Goa, India, an Indian Company, "A seal cap", July 11, 1969.

Class 3. No. 136256. Bright Brothers Private Limited, a Company Incorporated in India, 156A, Tardeo Road, City of Bombay, State of Maharashtra, India, "Plates", July 28, 1969.

Class 3. No. 136275. Hakson Plastic & Engineering Corporation, (an Indian Partnership Firm), 36, Sainath Industrial Estate No. 2, Vishweshwar Nagar, Off Aarey Road, Goregaon (East), Bombay 63, (Maharashtra), "Bottle cap", July 30, 1969.

Class 4. Nos. 136191. to 136196. Modern Industries, (an Indian Partnership Firm), 36, Sainath Industrial Estate, No. 2, Off Aarey Road, Goregaon (East), Bombay 63, (Maharashtra), "Bottle", July 18, 1969.

Class 4. No. 136274. Modern Industries, (an Indian Partnership Firm), 36, Sainath Industrial Estate No. 2, Off Aarey Road, Goregaon (East), Bombay 63, (Maharashtra), "Bottle", July 30, 1969.

Class 10. No. 135421. Carona Sahu Co., Private Ltd., An Indian Limited Company, Registered under the Indian Companies' Act, 221, Dadabhoi Naoroji Road, Fort, Bombay-1, Maharashtra, India, "Chappal", March 11, 1969.

S. VEDARAMAN,  
Controller General of Patents,  
Designs and Trade Marks.

